

1 I Claim

2 1 A process for accessing small items disposed in a cartridge of a module holding a  
3 plurality of cartridges in slots, wherein a plurality of modules are disposed in a cabinet, said  
4 cabinet including an actuating means electrically connected to each cartridge slot, which process  
5 comprises:

6 (a) inputting an access code or access mode to send a signal to a cartridge selector in the  
7 cabinet to release a specific cartridge by energizing a solenoid to disengage a latch from the  
8 specific cartridge previously selected,

9 (b) removing the cartridge now unlatched to empty the contents therefrom,

10 (c) emptying the contents from the selected cartridge,

11 (d) replacing the cartridge back into its slot in its module.

12 2. A process for accessing small items in a secure storage module, which process  
13 comprises;

14 (a) inserting a source of monetary value selected from paper money, coins, a debit card  
15 and a credit card into an access point to,

16 (b) create an electronic signal to a microprocessor and associated logic to select a specific  
17 cartridge disposed within a module,

18 (c) releasing said specific cartridge from its slot in a module by unlatching a latch  
19 retaining said cartridge in a slot,

20 (d) removing any item stored in the cartridge,

21 (e) replacing the cartridge into a slot in a module and re-latching the cartridge into the  
22 module.

23 3. A process for accessing small items in a secure storage module, which process  
24 comprises:

25 (a) inputting an access mode code from a source selected from the group consisting of  
26 a telephone keypad, a computer keypad electronically linked to an access point and a voice  
27 recognition system to send a signal to a cartridge selector to disengage a latch retaining a specific  
28 cartridge in a module,

29 (b) urging said cartridge from a slot within a module, for content removal,

30 (c) removing the cartridge's contents,

31 (d) replacing the cartridge back into its slot in its module and relatching the module into  
32 place.

33 4. The process of claim 3, including the added steps of associating in the cabinet each  
34 of the modules with a cartridge specific identification means, whereby upon selecting an

1 individual cartridge, the identification designator for that cartridge switches from an on condition  
2 to an off condition.

3 5. A process for gaining access to a specific member of a series of modules adapted to  
4 be retained linearly in a column or row, all of which modules are mounted to a faceplate for  
5 disposition within a box for placement in a cabinet,

6 said faceplate having a plurality of openings corresponding in size and number to the total  
7 number of cartridge slots of all of the modules, each opening aligned with each slot,

8 said faceplate being attached to the series of modules,

9 each module having a series of adjacent cartridge slots for receipt of a cartridge to hold  
10 small items, each cartridge having a rear latch receiver, which process comprises moving a  
11 solenoid operated latching means for each cartridge slot from a first position upward to a second  
12 position by energizing said solenoid; said latching means being in engagement with a latch  
13 receiver on a respective cartridge when said cartridge is disposed in its cartridge slot.

14 6. A process for accessing at least one of a plurality of faceplate mounted modules  
15 disposed within a box for placement in a cabinet, each module having a plurality of cartridges  
16 in slots, and

17 means to access each cartridge selectively by at least one of an access mode or an access  
18 code, wherein the process comprises inputting an access mode is electronically connected to each  
19 said module and to each cartridge slot selecting the specific cartridge desired,

20 and electronically releasing the selected cartridge from a latched position.

21 7. A process for gaining access to a cabinet having a plurality of boxes, each box  
22 comprising a faceplate with a plurality of modules mounted thereto,

23 said cabinet including electronic actuating means for said module electrically connected  
24 to selectively actuate each module,

25 said actuating process including inputting one of at least one of an access code into an  
26 input device and an access mode into an input device, said access mode input device being  
27 selected from the group consisting of at least one of coin receiver, paper bill receiver, and  
28 credit/debit card readers,

29 each module having a plurality of removable storage cartridges for holding small items,  
30 each cartridge being engageable to latching means forming a part of the module, and then  
31 selecting from a keypad the specific cartridge to be accessed, and releasing the preselected  
32 cartridge.

33 8. A process for gaining access to a module for accessing small items, such as a key or  
34 token stored in a secure manner in a cartridge residing in said module, for controlled access

1 thereto, which module comprises:

2 a housing having a series of spaced walls defining a plurality of cartridge slots, adapted  
3 to each receive one cartridge, each slot being open in the front and closed off by a rear wall,

4 each said rear wall having a latched ejection spring disposed within each cartridge slot  
5 on the inner surface of the rear wall;

6 a series of mounted solenoids one each for the respective cartridge slots,

7 pivotal latching means, for each cartridge slot pivotally mounted and extending into a  
8 respective cartridge slot, selectively energizing a selected solenoid;

9 a series of cartridges each having a latch receiver at the rear thereof, each latch receiver  
10 adapted to engage a latching means, which process comprises:

11 disengaging the latch receiver from the latching means, and urging said cartridge out of  
12 said slot by mounting an ejection spring associated with said slot from a tensed position to an at  
13 rest position.

14 9. The process of claim 8, further including the step of returning the latch means to an  
15 engaged position.

16 10. The process of claim 3, wherein the accession of the access code is carried out on a  
17 keypad by striking a series of keys.

18 11. The process of claim 3, wherein the accession code comprises striking a series of  
19 letter and number keys in a preset order.

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